

1 TTTCCCTCACTATAAAGAATAGAGAAGGAGGCTTCAGTGACCGGCTGCCTGGCTGACTTACAGCAGTCAGACTCTGACAGGATC

91 ATGGCTATGATGGAGGTCACGGGGGACCCAGCCCTGGACAGACCTGGCTGCTGATCTTTCACAGTGCTCCTGCAGTCTCTCTGT

1 MetAlaMetMetGluValGlnGlyGlyProSerLeuGlyGlnThrCysValLeuIleValIlePheThrValLeuLeuGlnSerLeuCys

181 GTGGCTGTAACTTACGTGTACTTTACCAACGAGCTGAAGCAGATGCAGGACAAAGTACTCCAAAAAGTGGCATTCGTTTCTTAAAAAGAA

31 ValAlaValThrTyrValTyrPheThrAsnGluLeuLysGlnMetGlnAspLysTyrSerLysSerGlyIleAlaCysPheLeuLysGlu

271 GATGACAGTTATTGGGACCCCAAATGACGAAGAGAGTATGAACAGCCCCCTGCTGGCAAGTCAAGTGGCAACTCCGTCAGCTCGTTAGAAAG

61 AspAspSerTryTrpAspProAsnAspGluGluSerMetAsnSerProCysTrpGlnValLysTrpGlnLeuArgGlnLeuValArgLys

361 ATGATTTTGGAGAACCTCTGAGGAAACCATTTTCTACAGTTCAAGAAAAAGCAACAAATATTTCTCCCTAGTCAGAGAAAGAGTCTCTCAG

91 MetIleLeuArgThrSerGluGluThrIleSerThrValGlnGluLysGlnGlnAsnIleSerProLeuValArgGluArgGlyProGln

451 AGAGTAGCAGCTCACATAAAGTGGGACGAGGAAGCAACACATTGCTCTCCAAACTCCAAGAAATGAAAAAGGCTCTGGGCGCCGCAAA

121 ArgValAlaAlaHisIleThrGlyThrArgGlyArgSerAsnThrLeuSerSerProAsnSerLysAsnGluLysAlaLeuGlyArgLys

541 ATAAACTCCTGGGAATCATCAAGAGTGGGCAATTCCTGAGCAACTTGCACTTGAGGAATGGTGAAGTGGTCAATCCATGAAAAAGGG

151 IleAsnSerTrpGluSerSerArgSerGlyHisSerPheLeuSerAsnLeuHisLeuArgAsnGlyGluLeuValIleHisGluLysGly

631 TTTTACTACATCTATCCCAAACATACTTTTCGATTTTCAGGAGGAAATAAAGAAAAACACAAAGAACGACAAACAAATGGTCCAATATATT

181 PheTyrTyrIleTyrSerGlnThrTyrPheArgPheGlnGluIleLysGluAsnThrLysAsnAspLysGlnMetValGlnTyrIle

721 TACAAATACACAAGTTATCCTGACCCCTATATTGTTGATGAAAAAGTCTAGAAAATAGTTGTTGCTAAAGATGCAGAAATATGGACTCTAT

211 TyrLysTyrThrSerTyrProAspProIleLeuLeuMetLysSerAlaArgAsnSerCysTrpSerLysAspAlaGluTyrGlyLeuTyr

811 TCCATCTATCAAGGGGGAATATTGAGCTTAAGGAAAAATGACAGAAATTTTGTCTGTAAACAAATGAGCACTTGATAGACATGGACCAT

241 SerIleTyrGlnGlyGlyIlePheGluLeuLysGluAsnAspArgIlePheValSerValThrAsnGluHisLeuIleAspMetAspHis

901 GAAGCCAGTTTTTTCGGGGCCCTTTTGTAGTTGGCTAACTGACCTGGAAAGAAAAAGCAATAACCTCAAAGTGACTATTTCAGTTTTTCAGGAT

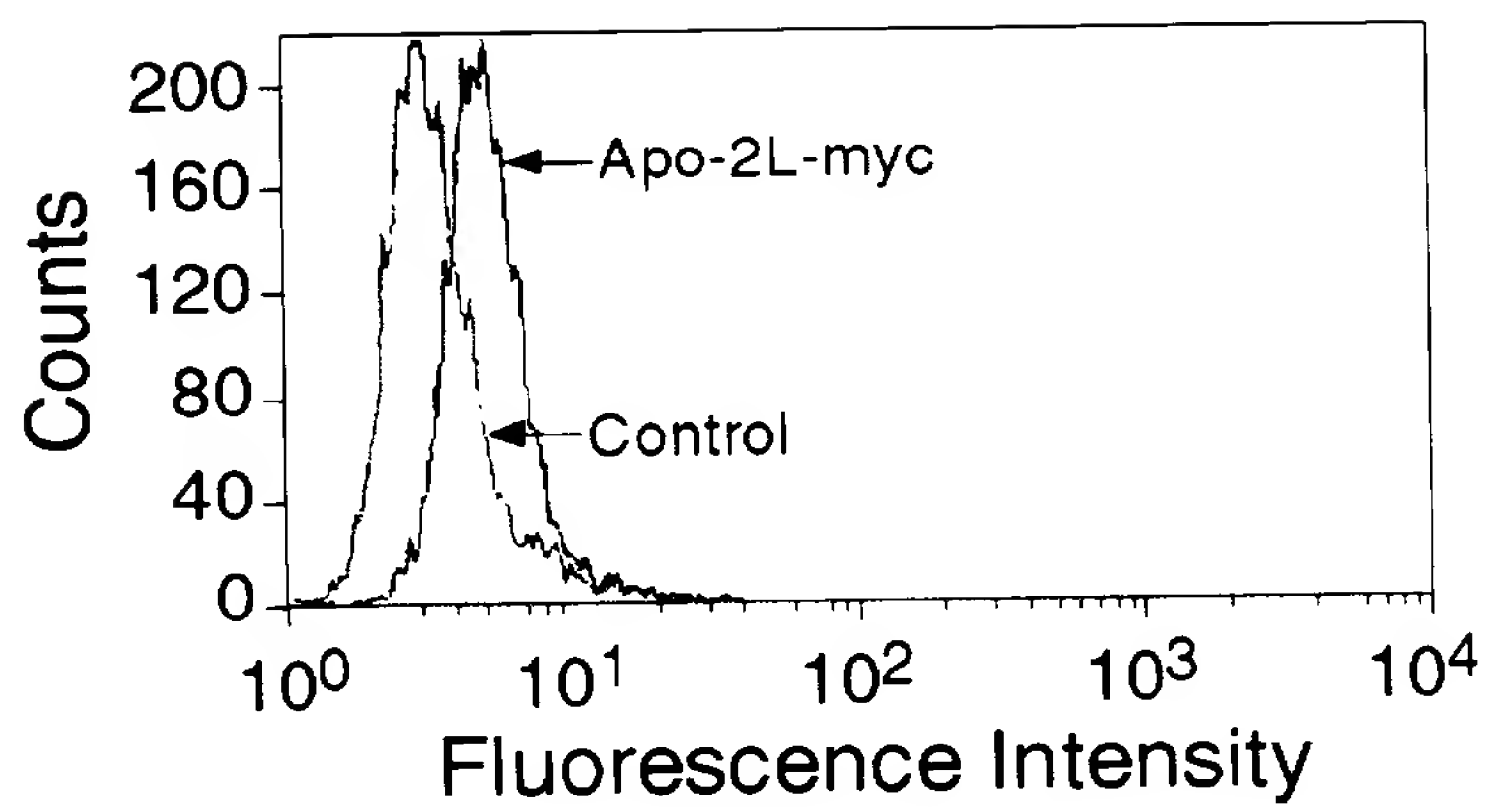
271 GluAlaSerPhePheGlyAlaPheLeuValGlyStp

991 GATACACTATGAAGATGTTTCAAAAAATCTGACCAAAAAACAAACAGAAA

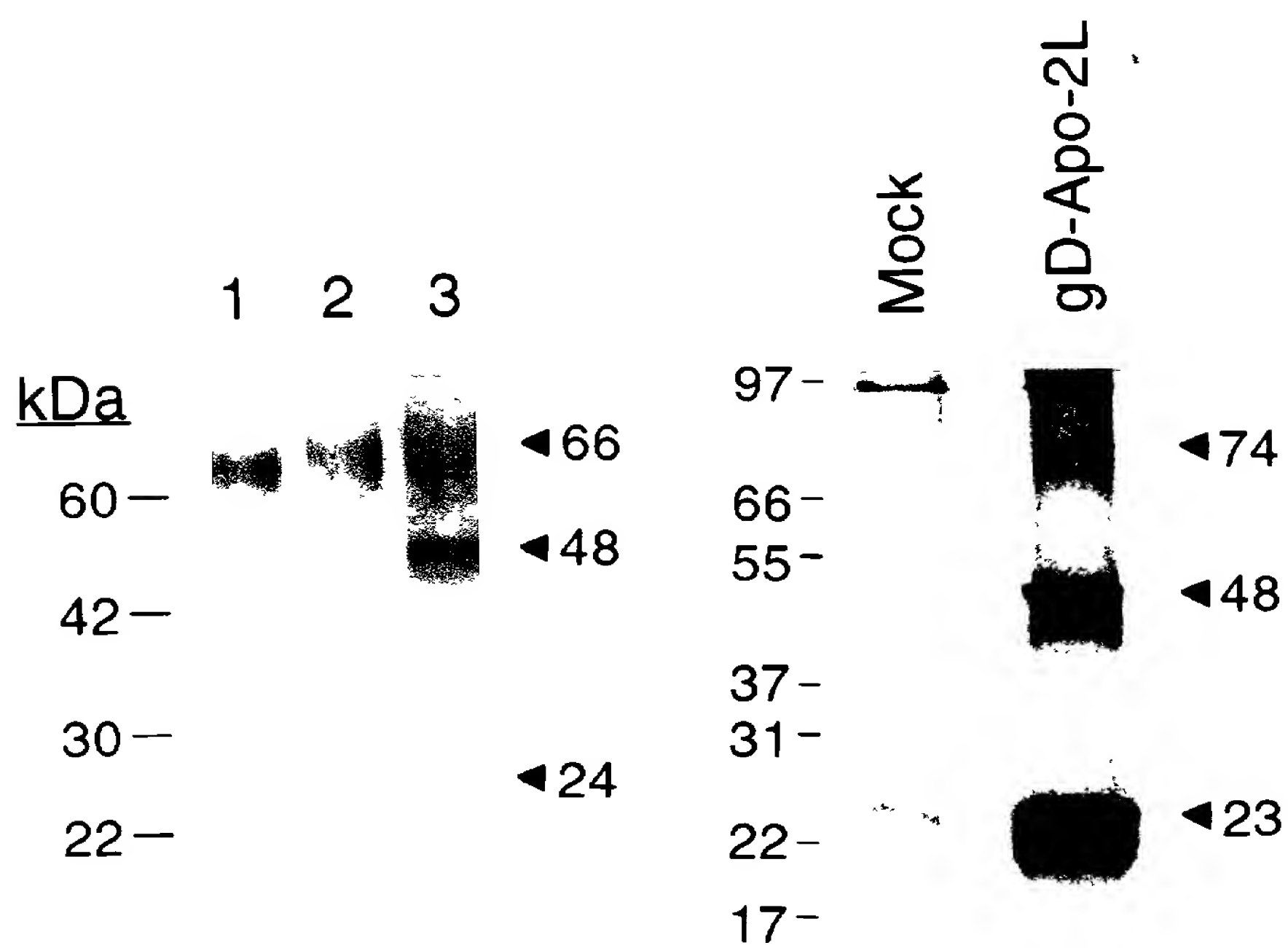
FIG. 1A

#4





**FIG. 1C**



**FIG. 1D**

**FIG. 1E**

**FIG. 2A**

FIG. 2B

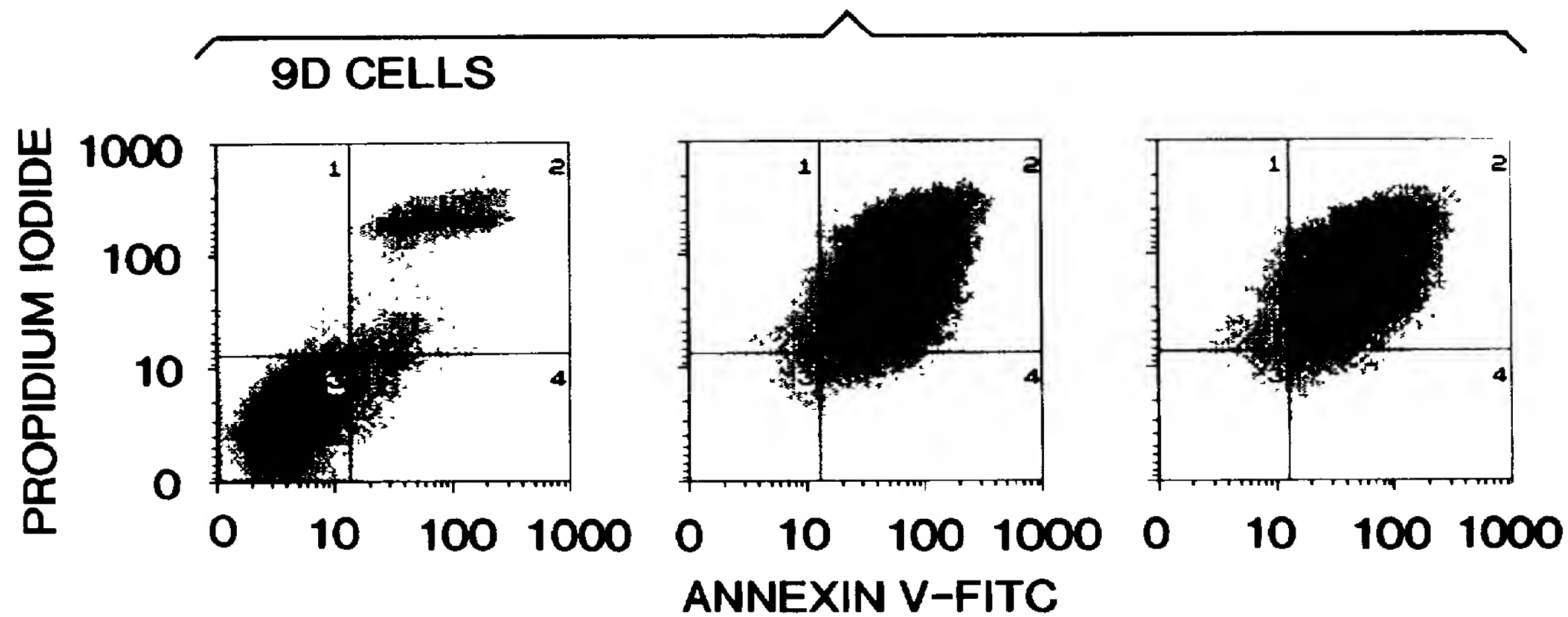


FIG. 2C

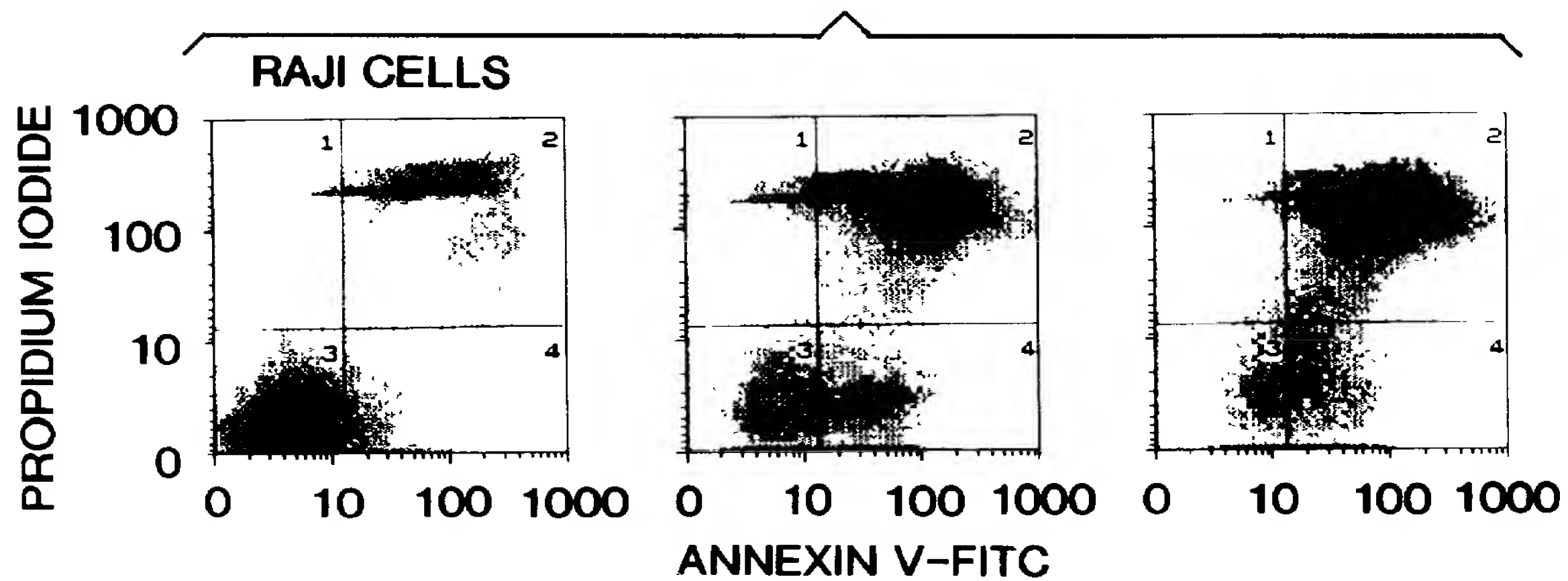
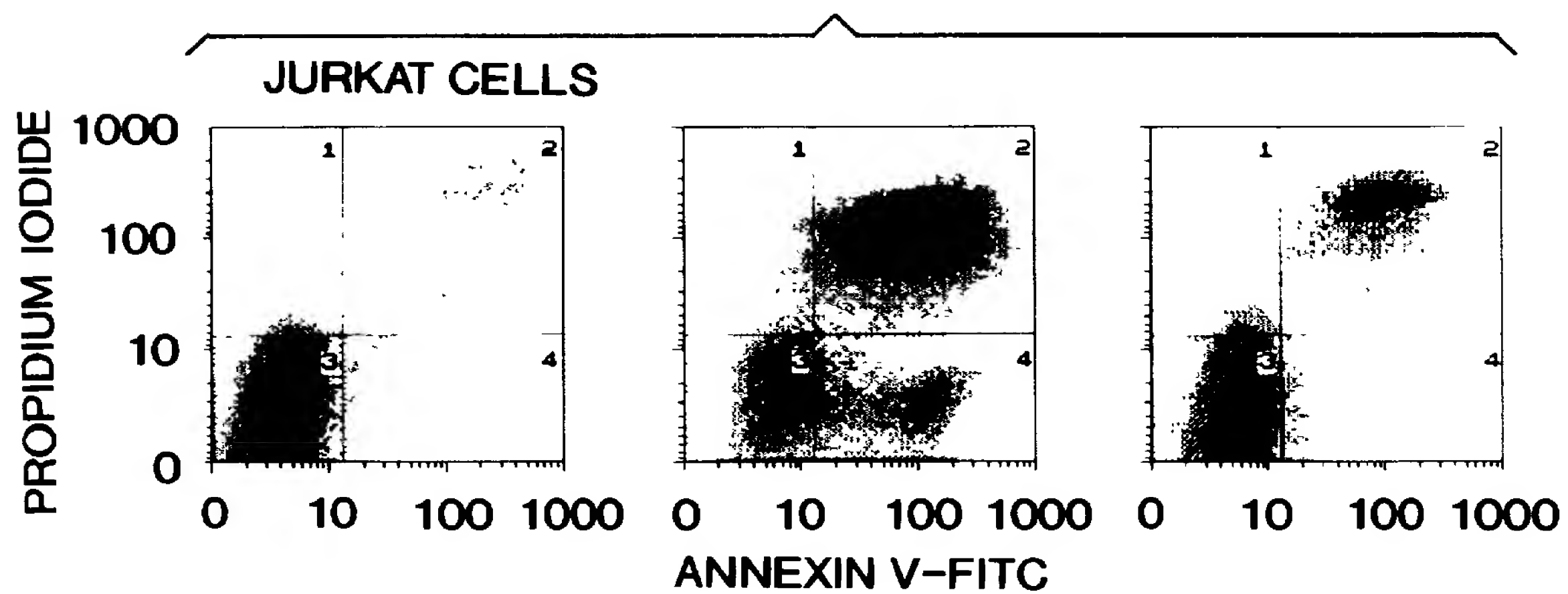


FIG. 2D



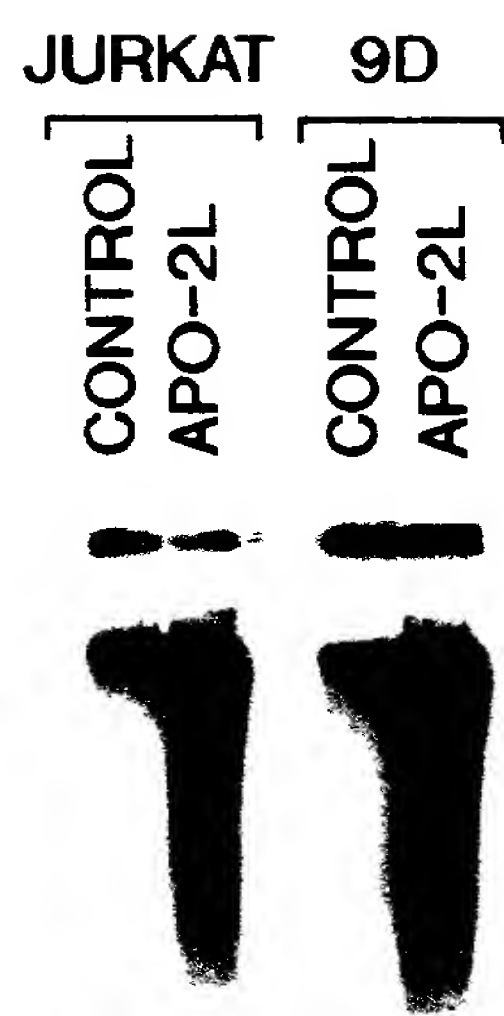


FIG. 2E

FIG. 3A

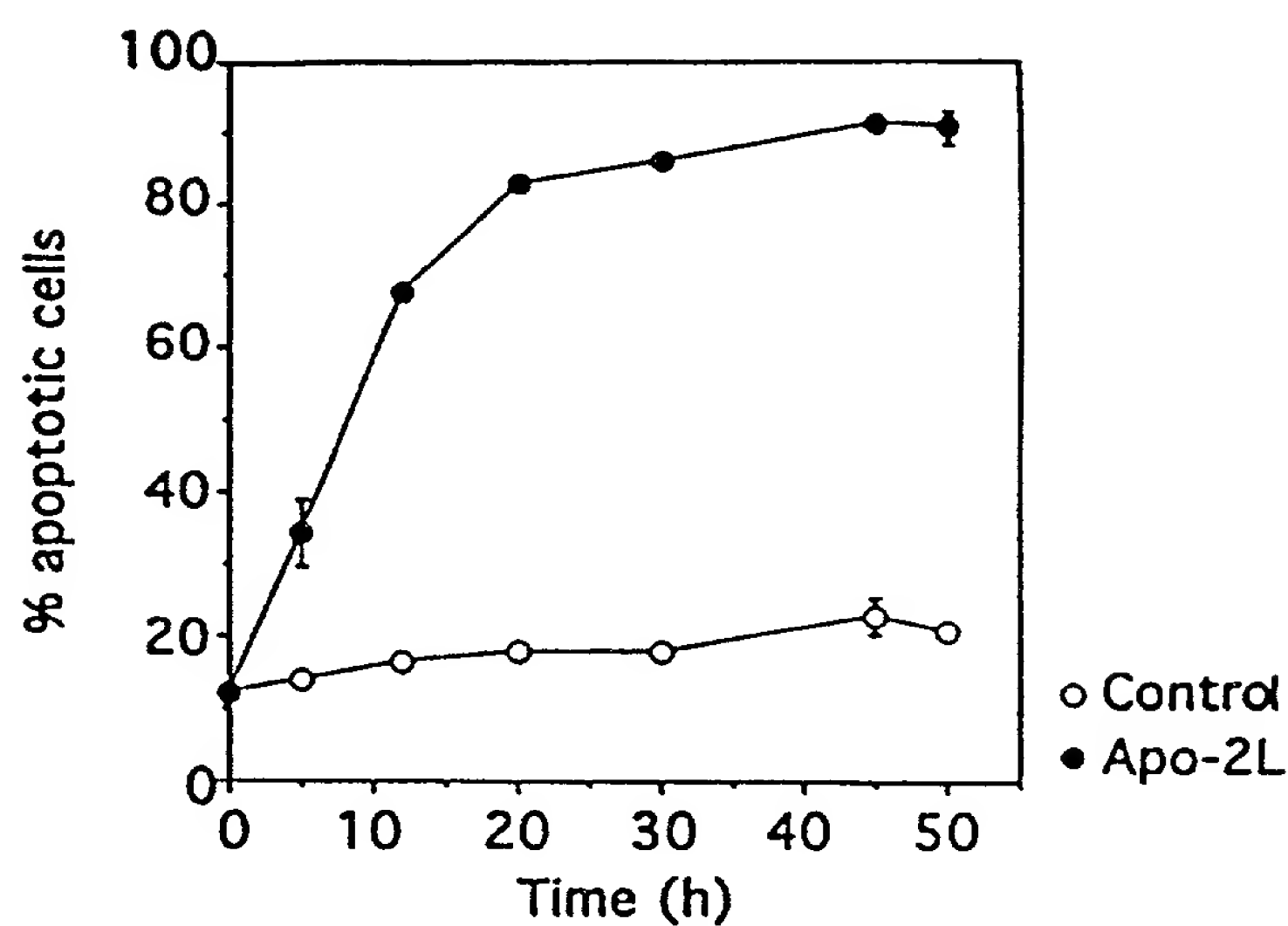


FIG. 3B

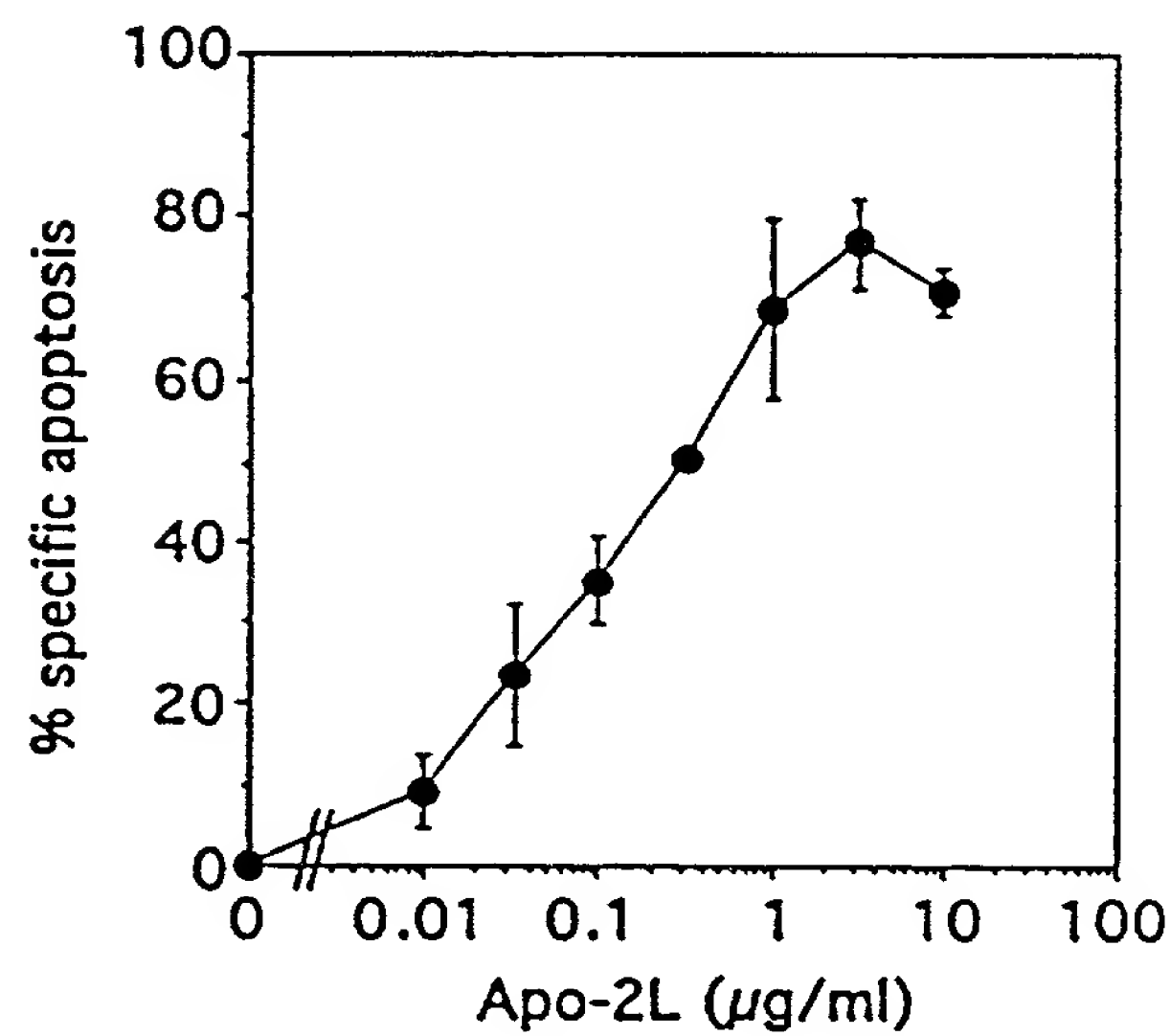


FIG. 3C

